

CLAIMS

What is claimed is:

5 1. A wireless communication module with a portable digital camera, comprising:

a wireless adapter for communicating with a wireless communication network;

a digital camera for capturing image information;

10 a bus hub for providing ports to said wireless adapter and said digital camera, respectively; and

a computer host provided with a bus host controller;

wherein when said bus hub is pluggable to connect with said computer host, said bus host controller detects said wireless adapter

15 and said digital camera both of which serving as the peripherals of said bus hub, and then loading a corresponding wireless adapter bus driver and digital camera bus driver in an operating system of said computer host, thereby said computer host is able to communicate with said wireless communication network via said wireless adapter.

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2. The wireless communication module of claim 1, wherein said wireless adapter is a wireless universal series bus (USB) adapter.

25 3. The wireless communication module of claim 1, wherein said wireless adapter is an IEEE 802.11b wireless USB adapter.

4. The wireless communication module of claim 1, wherein said bus hub is a universal series bus (USB) hub.

5. The wireless communication module of claim 1, wherein said computer host is a desktop computer.

5 6. The wireless communication module of claim 1, wherein said computer host is a notebook.

10 7. The wireless communication module of claim 1, wherein said digital camera is detachably connected with said wireless communication module.

8. A wireless communication module capable of conducting a video conference, comprising:

15 a wireless adapter for communicating with a wireless communication network;

a digital camera for capturing image information;

a bus hub for providing ports to said wireless adapter and said digital camera, respectively; and

20 a computer host provided with a bus host controller and serving for executing a conferencing application;

25 wherein when said bus hub is pluggable to connect with said computer host, said bus host controller detects said wireless adapter and said digital camera both of which serving as the peripherals of said bus hub, and then loading a corresponding wireless adapter bus driver and digital camera bus driver in an operating system of said computer host, thereby said wireless adapter and said digital camera link said conferencing application, and said computer host is able to conduct a video conference with a remote computer via said wireless

communication network by executing said conferencing application.

9. The wireless communication module of claim 8, wherein said wireless adapter is a wireless universal series bus (USB) adapter.

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10. The wireless communication module of claim 8, wherein said wireless adapter is an IEEE802.11b wireless USB adapter.

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11. The wireless communication module of claim 8, wherein said wireless adapter is a USB hub.

12. The wireless communication module of claim 8, wherein said computer host is a desktop computer.

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13. The wireless communication module of claim 8, wherein said computer host is a notebook.

14. The wireless communication module of claim 8, wherein said conferencing application is NetMeeting application software.